Bruhat Bangalore Mahanagara Palike

Name of Worke: Construction of Drain From Varma Land to SWD in Amruthahalli in Ward No. 07 Byatarayanapura

Code:- 007-19-000001

Est Cost= 50.00Lakhs

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
1	KSRRB 300-1. **Earthwork excavation** by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete asper specifications.MORTH / Chapter 3(I No-19.1, P No-143)								
	Varma Land to SWD								
	Chainage 293 - 439		1	146.00	2.00	2.90	846.80		
	Over Burdan Earth		1	28.00	1.50	0.90	37.80		
		Cum					**884.60**	**252.49**	**223354.42**
	A.Basic rate		**130.00**						
	B.Loading and unloading with 20km lead= 57+2.0x1.28x20		**108.20**						
	C (Area Weightage 6%)		**14.29**						
	Total		**252.49**						
2	KSRB2.8:ProvidingandFillinginfoundationwithgranite/trapbrokenmetal100mm.anddownsize,withapprovedsandincludinghandpacking,ramming,watering,includingcostofallmaterialsandlabourwithallleadandlift.completeasperspecifications.specification.No.KBS(P.No.7, I.No.2.15 of PW,P&IWTD S.R 2018-19)								
	Varma Land to SWD								
	Chainage 293 - 439		1	146	2.00	0.45	131.40		
		Cum					**131.40**	**2574.74**	**338320.84**
	Basic rate		**2429.00**						
	6.00% AW		**145.74**						
	Sub Total		**2574.74**						
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.3 of PWD SR 2018-19)								
	Varma Land to SWD								
	Chainage 293 - 439		1	146.00	2.00	0.15	43.80		
		Cum					**43.80**	**5408.12**	**236875.66**
	Basic rate		**5102.00**						
	6.00% AW		**306.12**						
	Sub Total		**5408.12**						
4	KSRB 4 6.1:Providing and removingc entering, shuttering,s trutting, proppingetc., and removal off or mwork for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No.KBS4.6.2(P.No.16,I.No.4.28 of PW, P&IWTD SR 2018-19)								
	Varma Land to SWD								
	Chainage 293 - 439		2	146.00		0.30	87.60		
		Sqm					**87.60**	**273.48**	**23,956.85**
	Basic rate		**258.00**						
	6.00% AW		**15.48**						
	Sub Total		**273.48**						
5	KSRB 4-6.4 : Providing and **removing centering, shuttering,** strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2(I No-4.31,P No-16)								
	Varma Land to SWD								
	Chainage 293 - 439		4	146.00		2.00	1168.00		
		Sqm					**1168.00**	**379.48**	**443232.64**
	Basic rate		**358.00**						
	6.00% AW		**21.48**						
	Sub Total		**379.48**						

	...ing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready ...ced concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) P.No.18, I.No.4.48of PW,P&IWTD SR 2018-19)								
	Varma Land to SWD								
	Raft								
	Chainage 293 - 439		1	146.00	2.00	0.30	87.60		
	Varma Land to SWD								
	Side wall								
	Chainage 293 - 439		2	146.00	0.30	2.00	175.20		
		Cum							
	Basic rate		**5444.00**				**262.80**	**5770.64**	**1516524.19**
	6.00% AW		**326.64**						
	Sub Total		**5770.64**						
7	KSRB 4.9.2 : **Providing T.M.T steel reinforcement** for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3(I No-4.46.2,P No-18)								
	Consider 85Kgs/cum for item No. 7 only RCC Qty		1	262.80	85.00		**22338.00**		
		Tonne					**22.34**		
		Tonne				Qty Ltd to	**22.34**	**75223.96**	**1680352.82**
	Basic rate		**70966.00**						
	6.00% AW		**4257.96**						
	Sub Total		**75223.96**						
8									
9								**Total Construction Cost**	**4462617.41**
10								**12% GST**	**535514.09**
								Sub Total	**4998131.50**
								Miscellaneous and rounding off	**1868.50**
								Total	**5000000.00**

Certificate

1. *The workspot was inspected and works is found to be necessary.*
2. *The area comes within the Bruhat Bangalore Mahanagara Palike limits.*
3. *The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019.and Data Rates*

A.E.E. N.D.
Assistant Engineer

Executive Engineer, 01/01

Asst. Executive Engineer,

Administrative Approval

Accorded For RS 50: alaccheruly
Head of A/C. P 3296
CER NO : 157 Dt: 08.01.2019

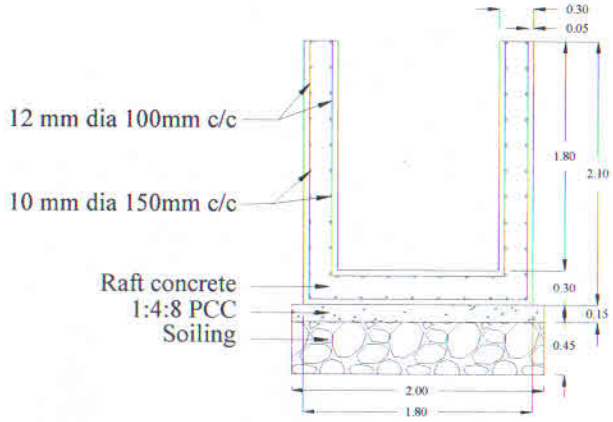
TA CE (YNK)

Technical Sanction

Accorded For RS 50: alaccheruly
Head of A/C. P 3296
CER NO : 238 Dt: 08.01.2019

TA CE (YNK)

Construction of Drain From Varma Land to SWD in Amruthahalli in Ward No. 07 Byatarayanapura



Note: 1. ALL THE DIMENSTIONS IN METER

AE(0.2)